

WEST Search History

DATE: Saturday, September 17, 2005

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		<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ</i>	
<input type="checkbox"/>	L25	L24 and l4	1
<input type="checkbox"/>	L24	(((ronald) and hall) or (troung and thuong)).in.	303
<input type="checkbox"/>	L23	L22 and l4	20
<input type="checkbox"/>	L22	(((peichun or peter) and liu) or (kevin and stelzer)).in.	448
<input type="checkbox"/>	L21	L20 and (l8 or l12 or l16)	8
<input type="checkbox"/>	L20	(PLRU or pseudo LRU or pseudo least recently).ab,ti.	32
<input type="checkbox"/>	L19	(711/136 or 711/160).ccls.	542
<input type="checkbox"/>	L18	(711/136 or 711/133 or 711/160).ccls.	1337
<input type="checkbox"/>	L17	L16 not l12	65
<input type="checkbox"/>	L16	L15 and l8	76
<input type="checkbox"/>	L15	L14 and l9	458
<input type="checkbox"/>	L14	L11 and ((updat\$ or change or changing or modify or modifying or overwrit\$) NEAR5 (tree or structure or branch\$ or leaf or leaves or node))	458
<input type="checkbox"/>	L13	L11 and ((updat\$ or change or changing or modify or modifying or overwrit\$) NEAR15 (tree or structure or branch\$ or leaf or leaves or node))	506
<input type="checkbox"/>	L12	L11 and l2	36
<input type="checkbox"/>	L11	l4 and L10	862
<input type="checkbox"/>	L10	(tree) SAME (((PLRU or pseudo LRU or pseudo least recently or lru or least recently used) or structure or branch\$ or leaf or leaves or node))	75325
<input type="checkbox"/>	L9	(PLRU or pseudo LRU or pseudo least recently or lru or least recently used) AND tree	1307
<input type="checkbox"/>	L8	(PLRU or pseudo LRU or pseudo least recently or lru or least recently used) SAME tree	167
<input type="checkbox"/>	L7	(PLRU or pseudo LRU or pseudo least recently or lru or least recently used) same tree	167
<input type="checkbox"/>	L6	(PLRU or pseudo LRU or pseudo least recently or lru or least recently used) same tree	167
<input type="checkbox"/>	L5	l1 and L4	5
<input type="checkbox"/>	L4	(PLRU or pseudo LRU or pseudo least recently or lru or least recently used)	8089
<input type="checkbox"/>	L3	l1 and L2	2
<input type="checkbox"/>	L2	(PLRU or pseudo LRU or pseudo least recently)	433
<input type="checkbox"/>	L1	((jonathan and dement) or ((wen or tzer or wentzer or thomas) and chen)).in.	3992

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e.g., J Biol Chem or Nature

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and

e.g., 1996

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☐ Chemistry and Materials Science

☐ Engineering, Computer Science, and Mathematics

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☐ Chemistry and Materials Science

☐ Engineering, Computer Science, and Mathematics

☐ Medicine, Pharmacology, and Veterinary Science

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☐ Social Sciences, Arts, and Humanities

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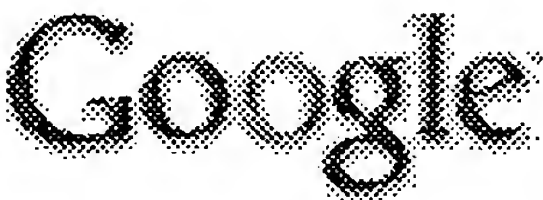
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Find results

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with the exact phrase

with at least one of the words

without the words

binary tree replacement LRU c

modify modifying change alteri

100 results

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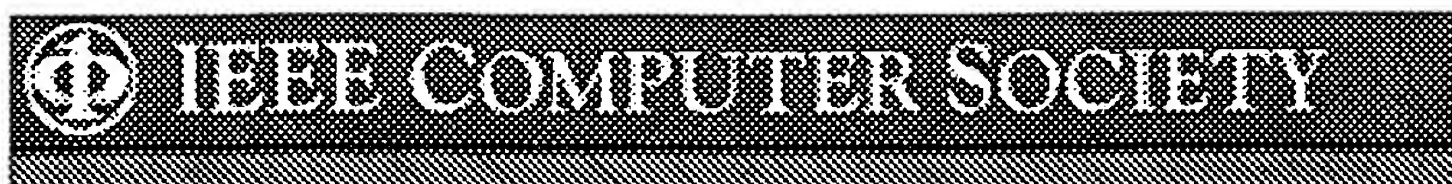
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IEEE TRANSACTIONS ON COMPUTERS

June 1988 (Vol. 37, No. 6) pp. 700-709

Cache Operations by MRU Change

K. So
R.N. Rechtschaffen

Full Article Text: PDF

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<http://doi.ieeeecomputersociety.org/10.1109/12.2208>

Abstract

The performance of set associative caches is analyzed. The method used is to group the cache lines into regions according to their positions in the replacement stacks of a cache, and then to observe how the memory access of a CPU is distributed over these regions. Results from the preserved CPU traces show that the memory accesses are heavily concentrated on the most recently used (MRU) region in the cache. The concept of MRU change is introduced; the idea is to use the event that the CPU accesses a non-MRU line to approximate the time the CPU is changing its working set. The concept is shown to be useful in many aspects of cache design and performance evaluation, such as comparison of various

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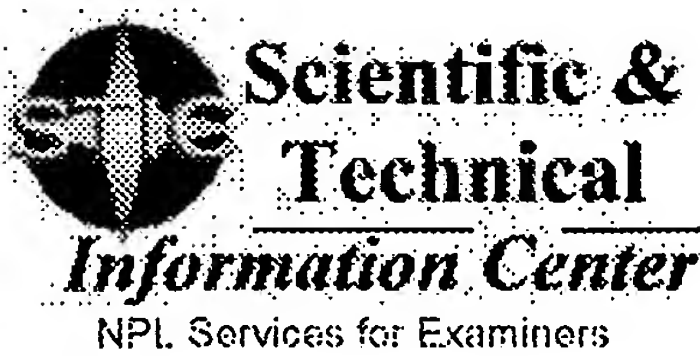
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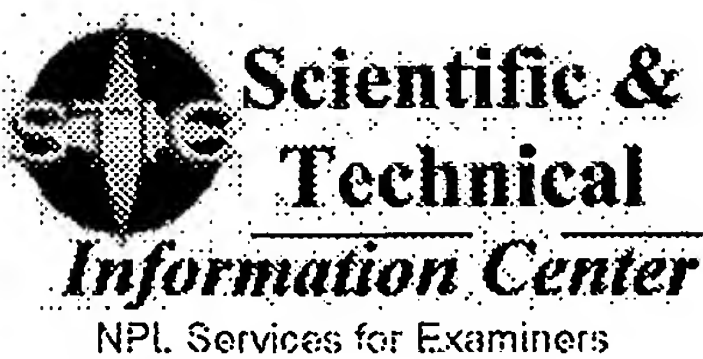
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